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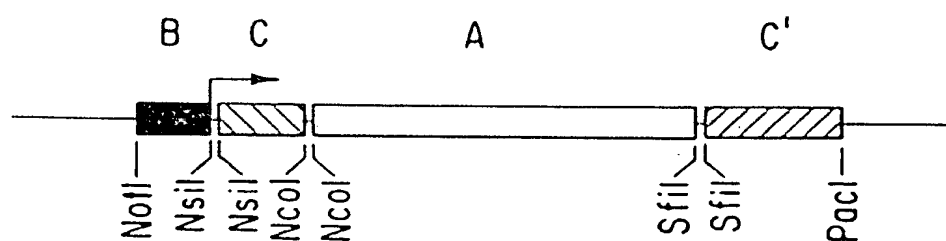


FIG. 1

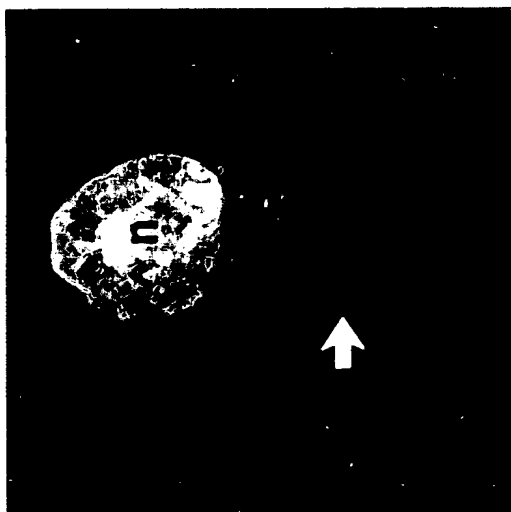


FIG. 2B

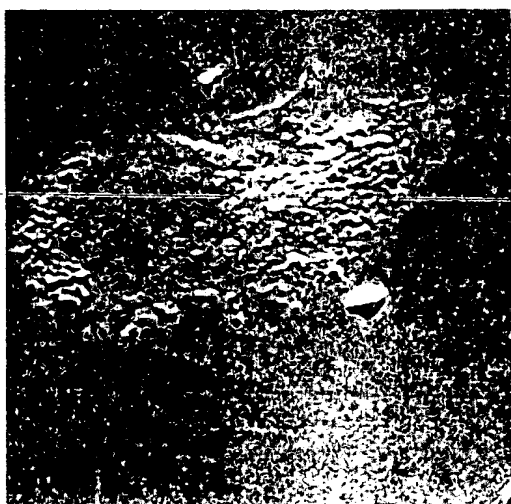


FIG. 2A



FIG.3A

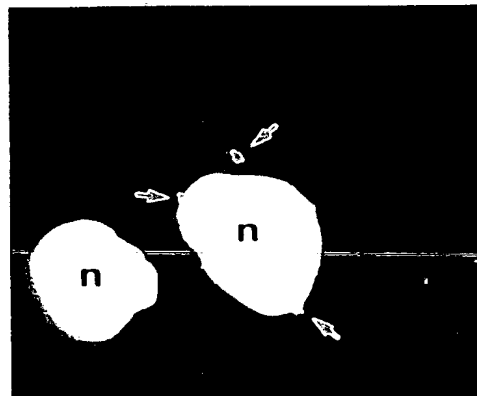


FIG.3B

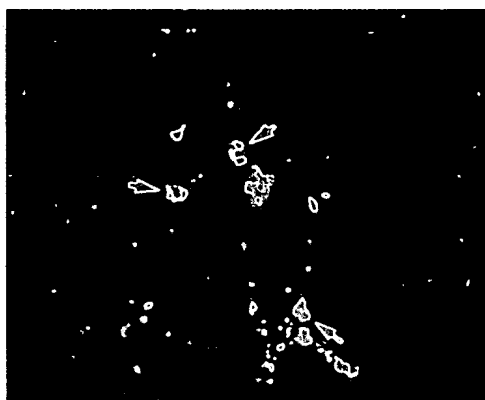


FIG.3C

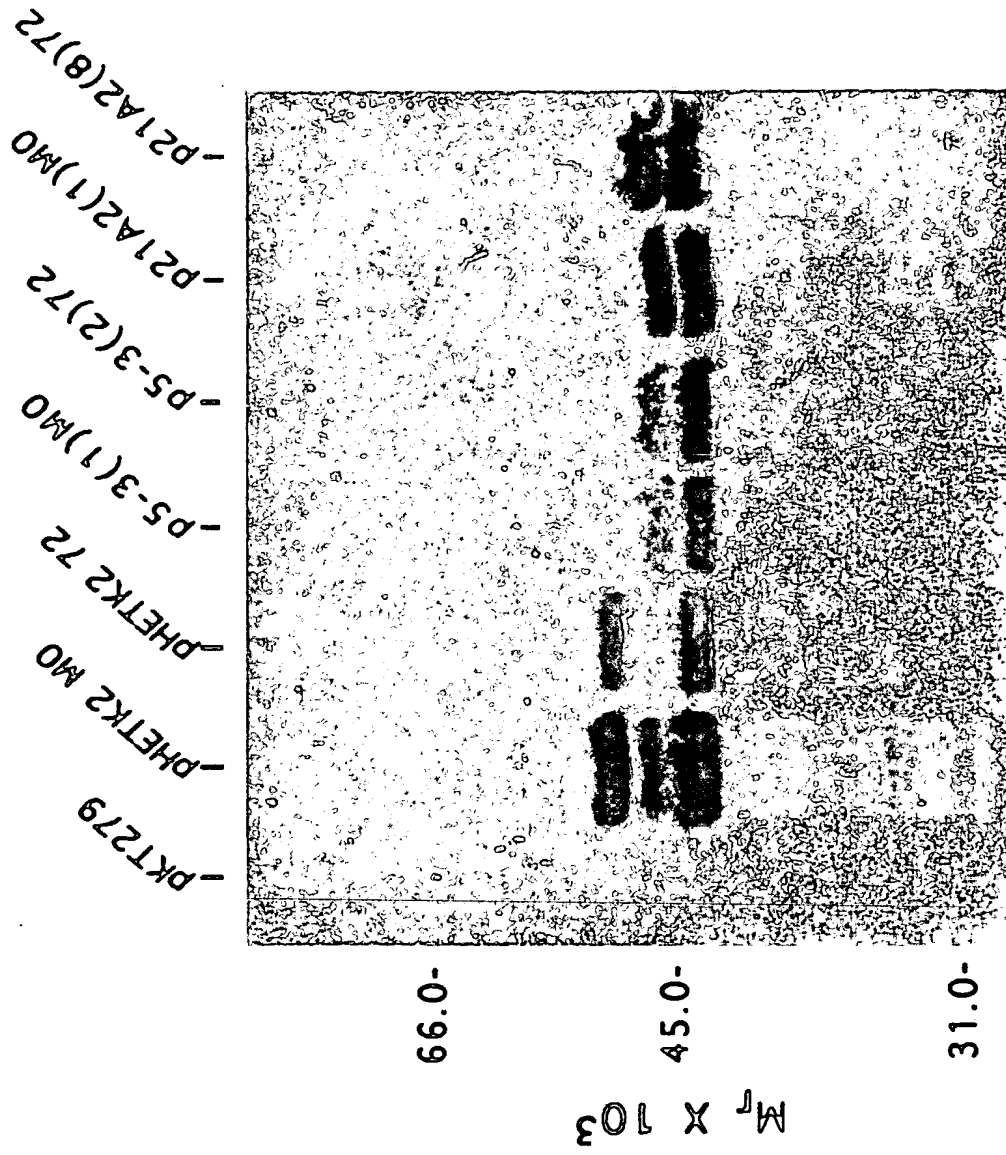


FIG.4A

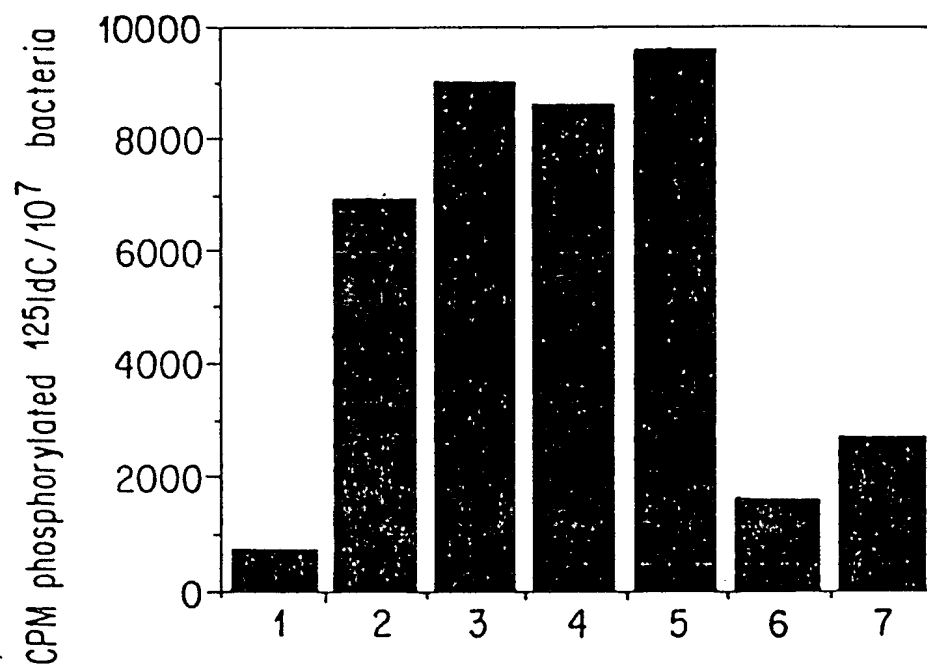
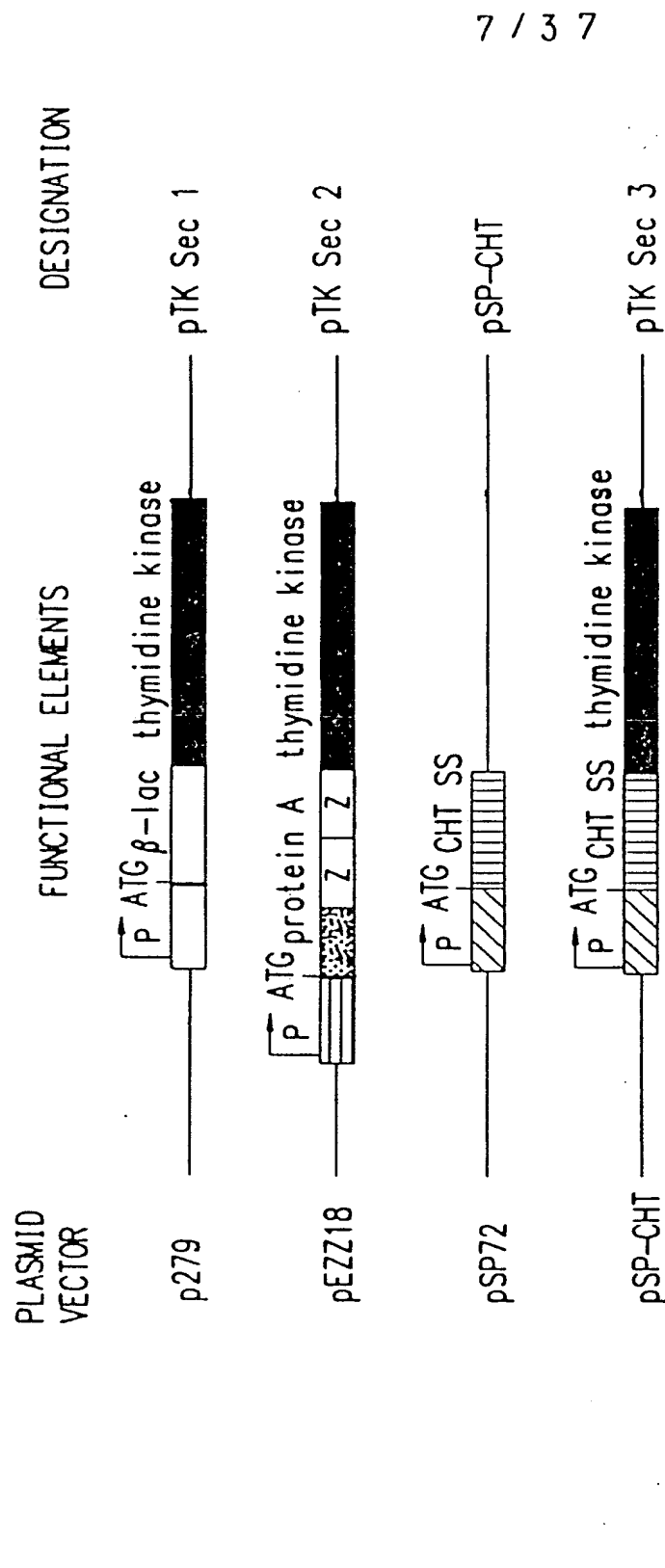


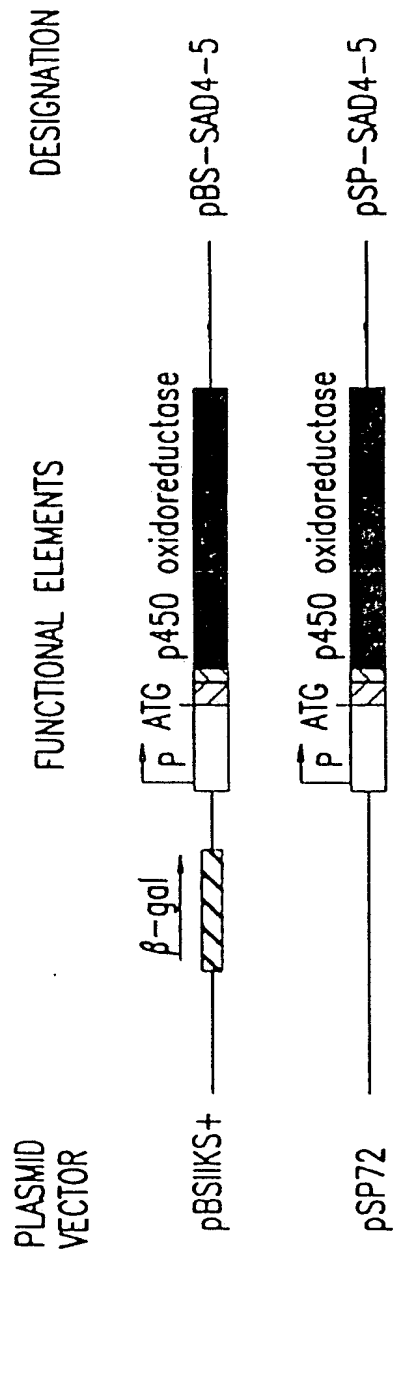
FIG. 4B



- = β-lactamase promoter
- = lac I promoter
- = chitinase promoter
- = protein A signal sequence
- = chitinase signal sequence
- = promoter transcriptional initiation
- = protein A IgG binding domain
- = thymidine kinase

FIG.4C





= *sulA* promoter

= *sulA* promoter transcriptional initiation

= first 10 amino acids of *sulA*

= amino acids from polylinker

= p450 oxidoreductase

= β-galactosidase transcriptional orientation

FIG.4D

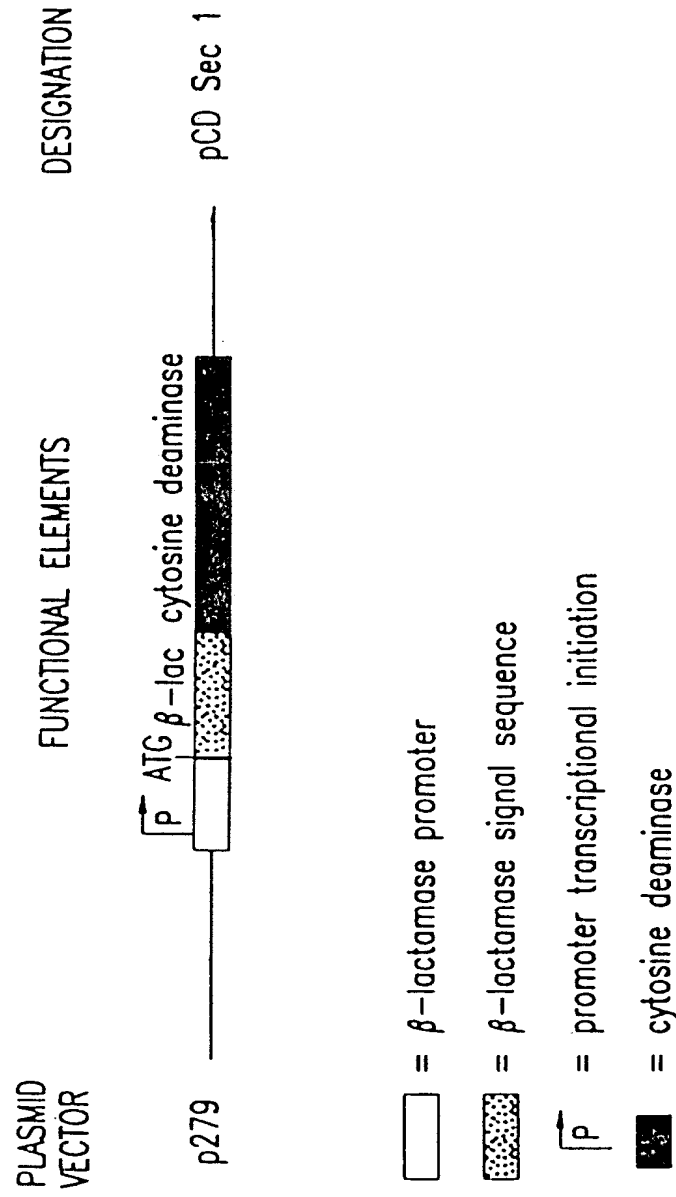


FIG.4E

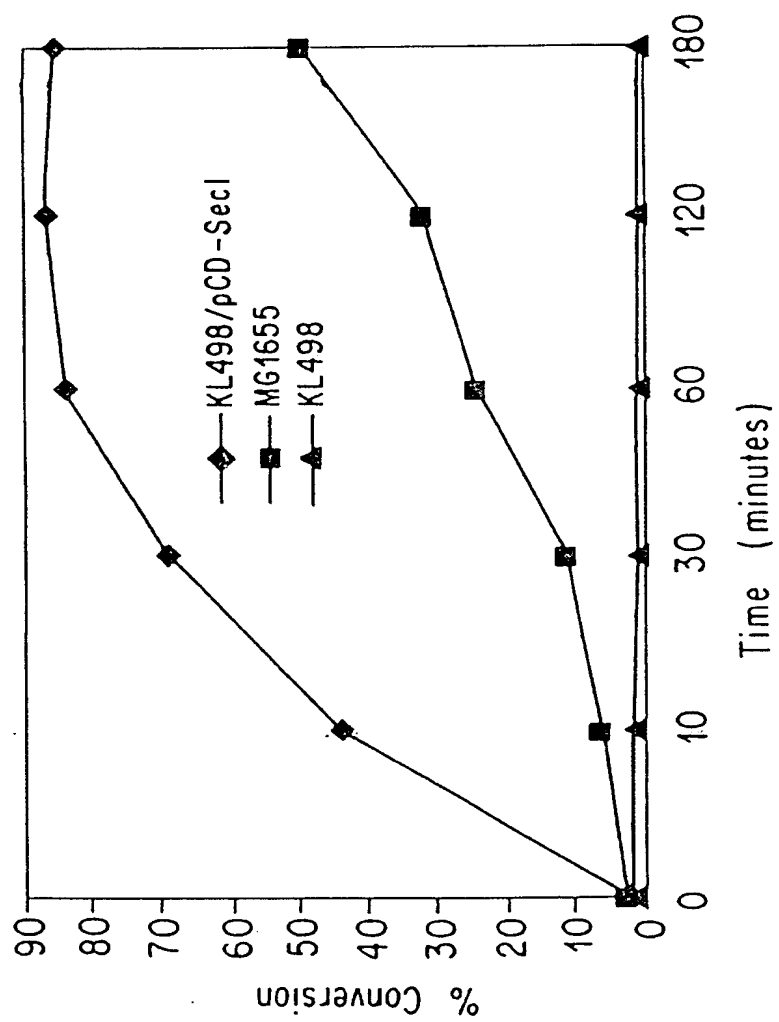


FIG. 4F

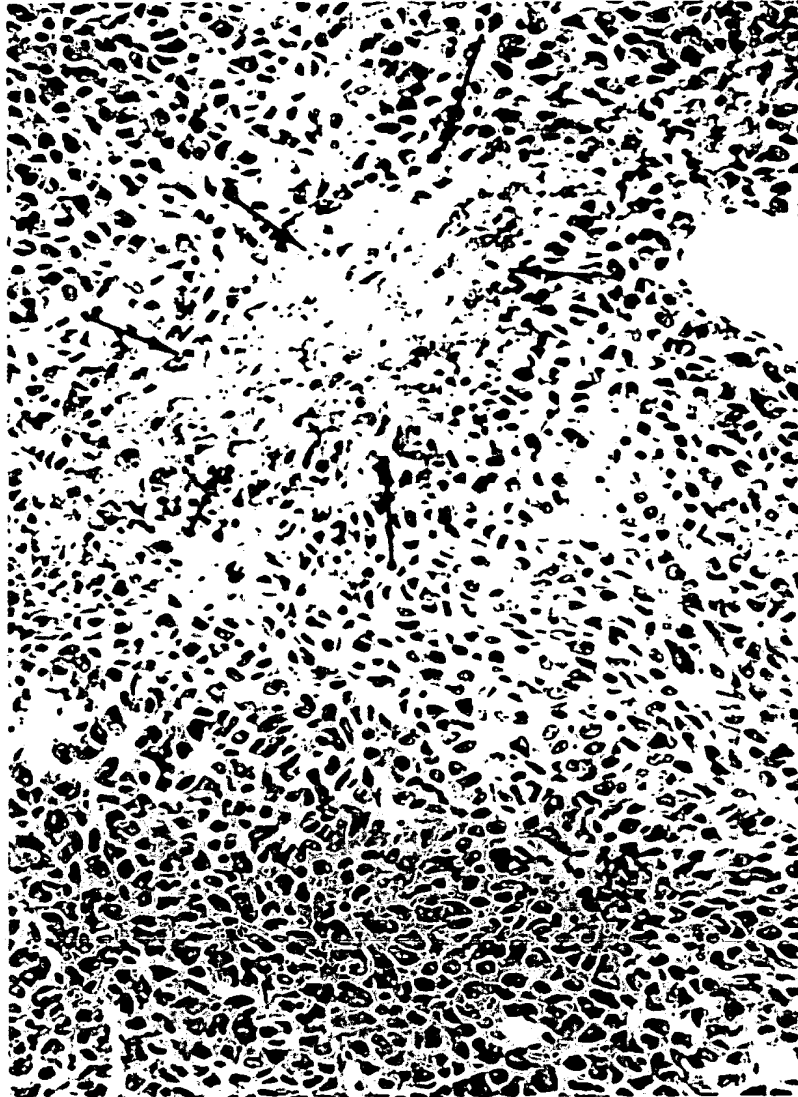


FIG.5A

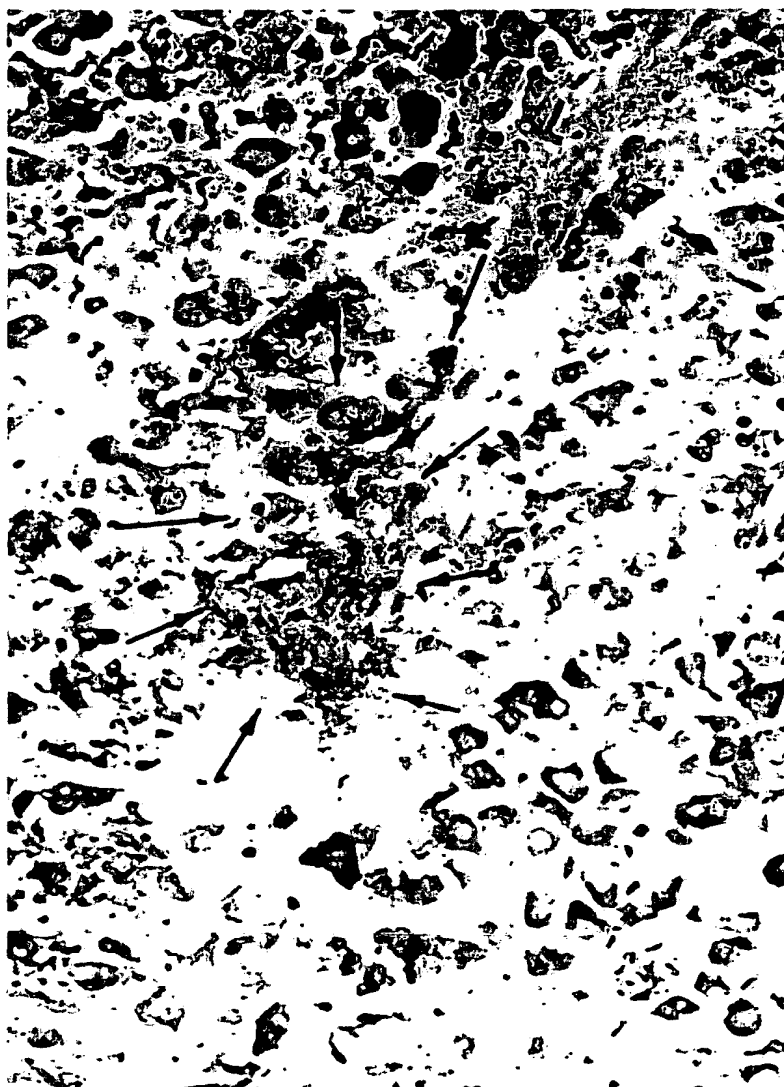


FIG. 5B

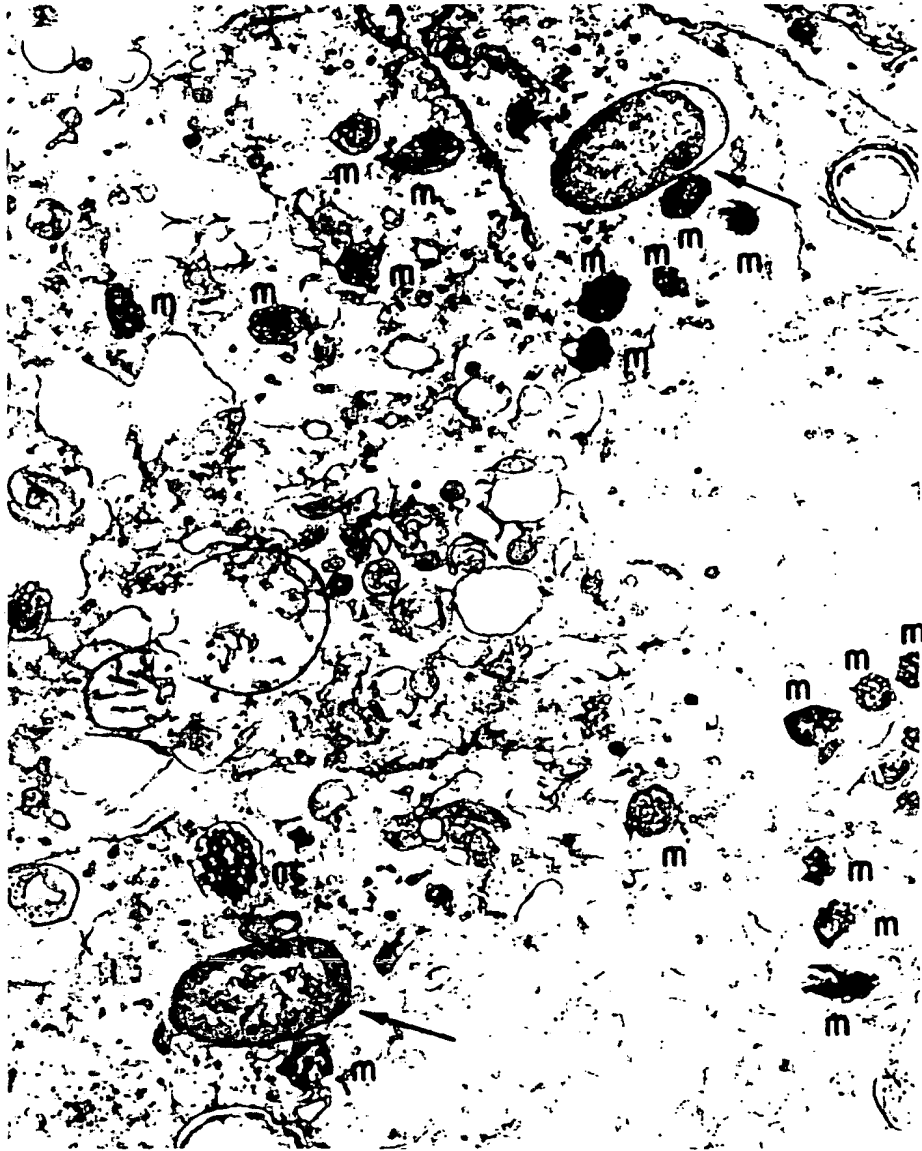


FIG.6

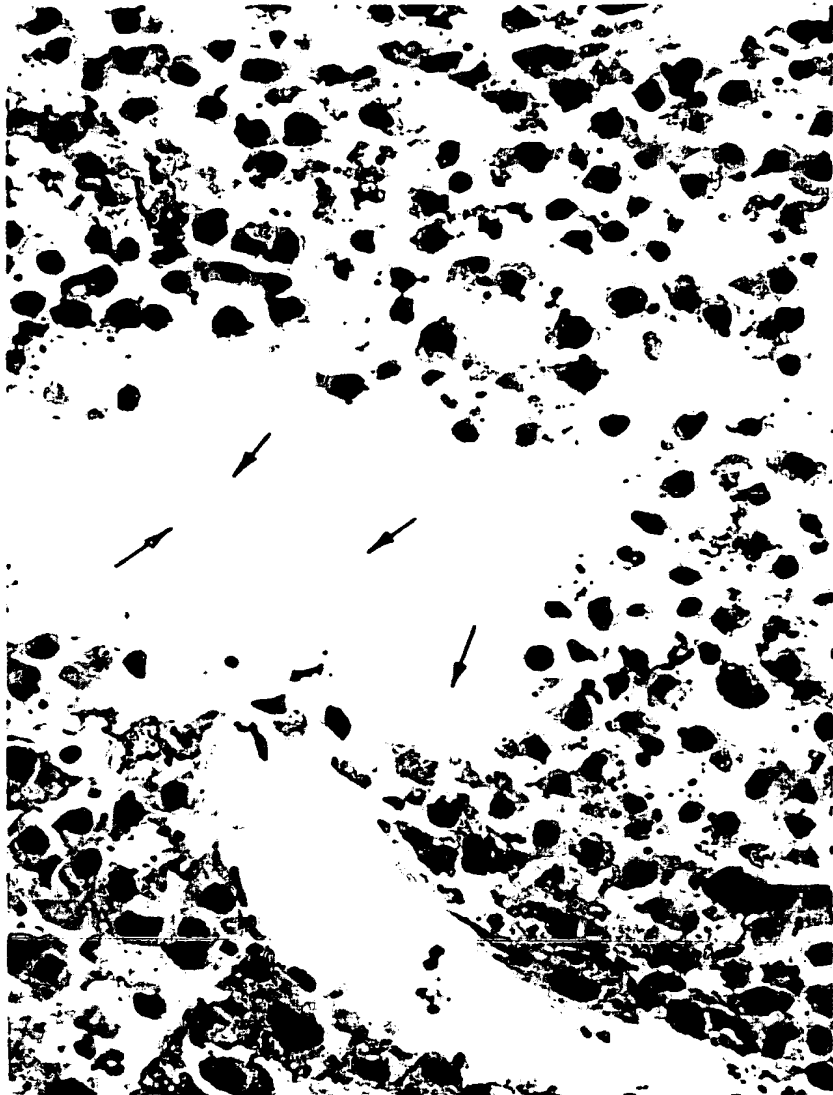


FIG. 7

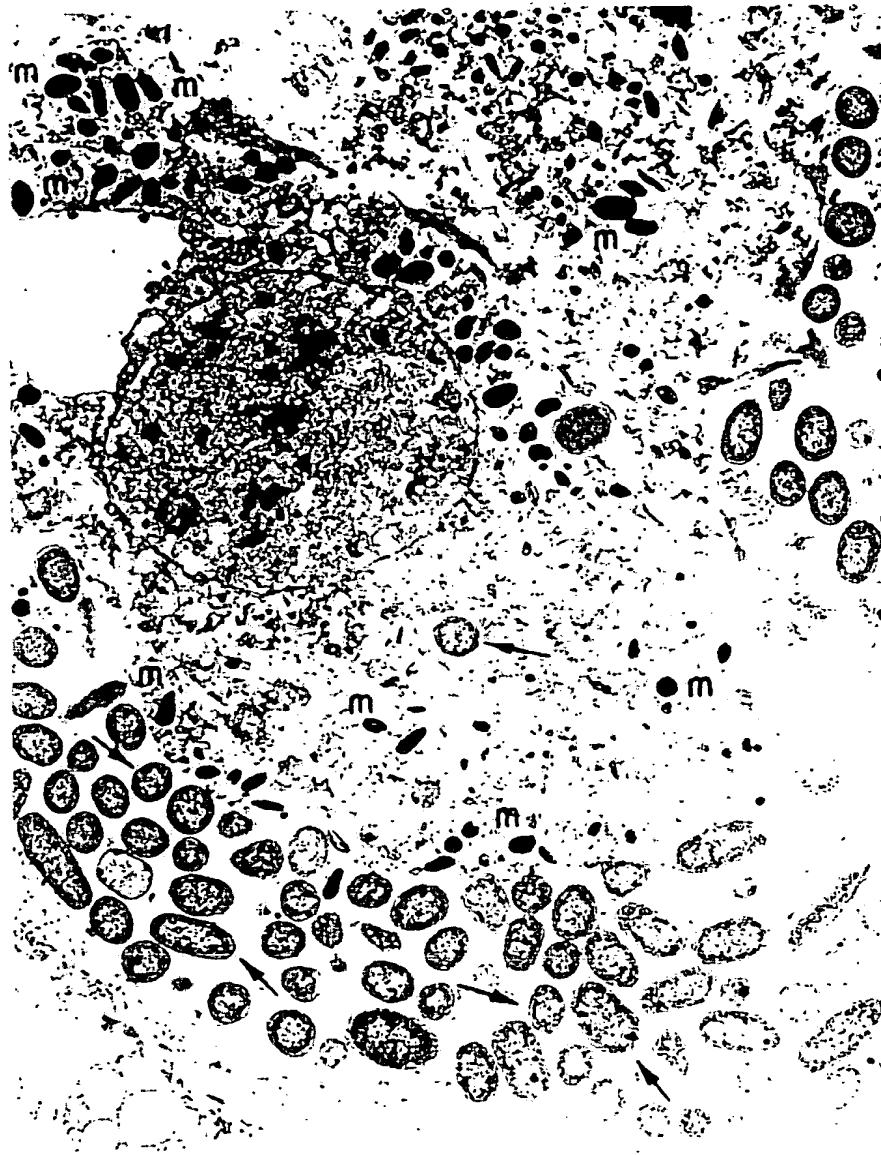


FIG.8



## Cloudman S91 Tumor Growth

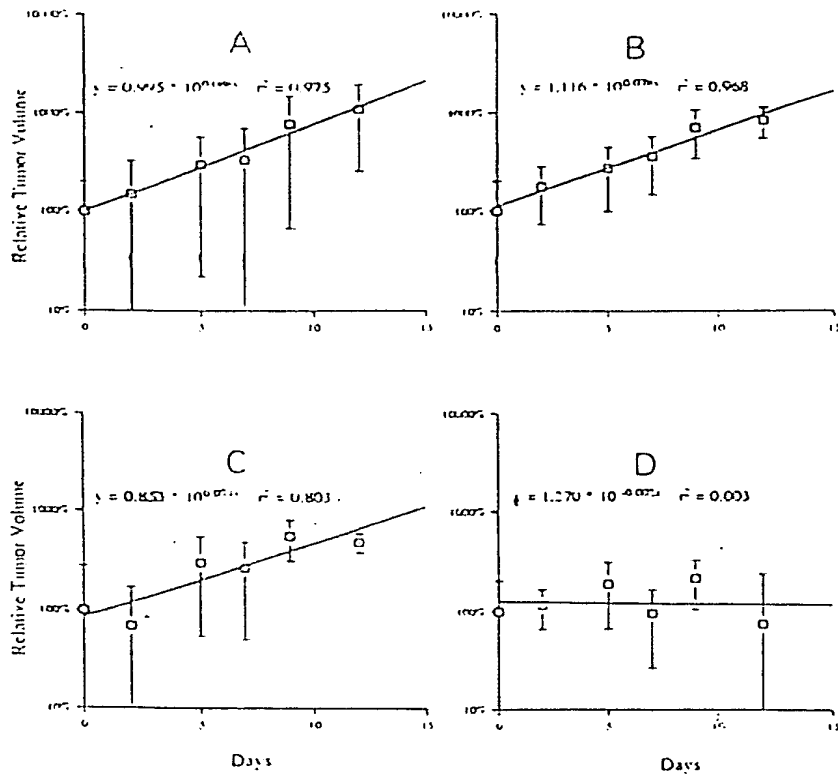


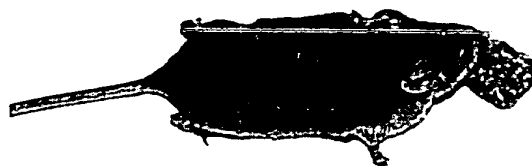
FIG. 9

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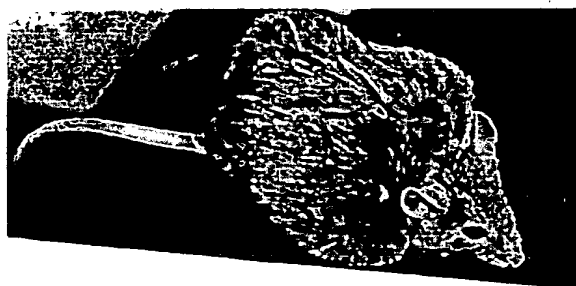
CONTROL

FIG.10A



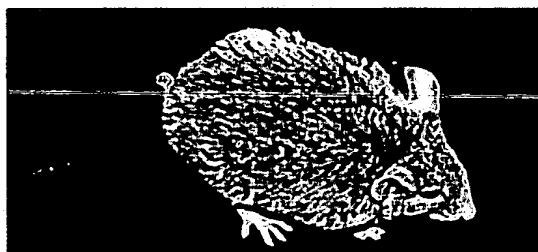
VECTOR (10 DAYS)

FIG.10B



CONTROL+ GCV

FIG.11A



TK VECTOR + GCV

FIG.11B

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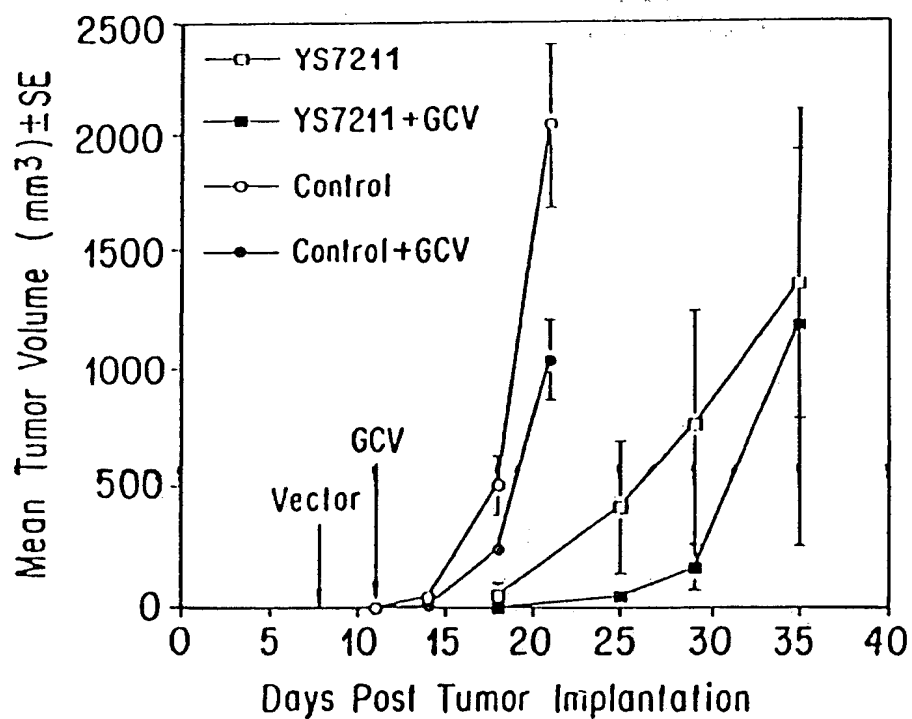


FIG.11C

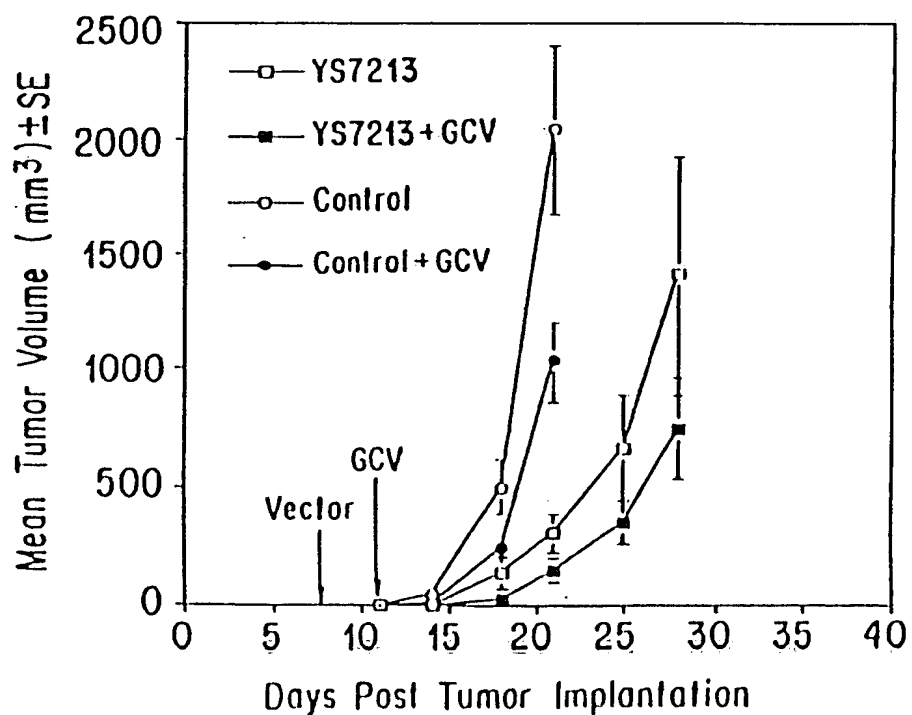


FIG.11D

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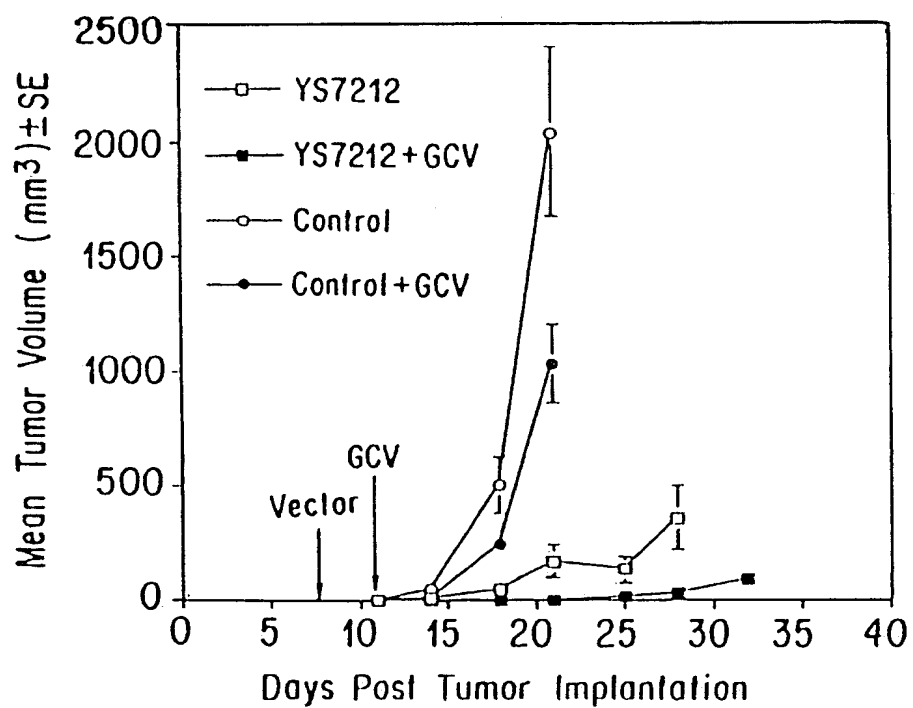


FIG.11E

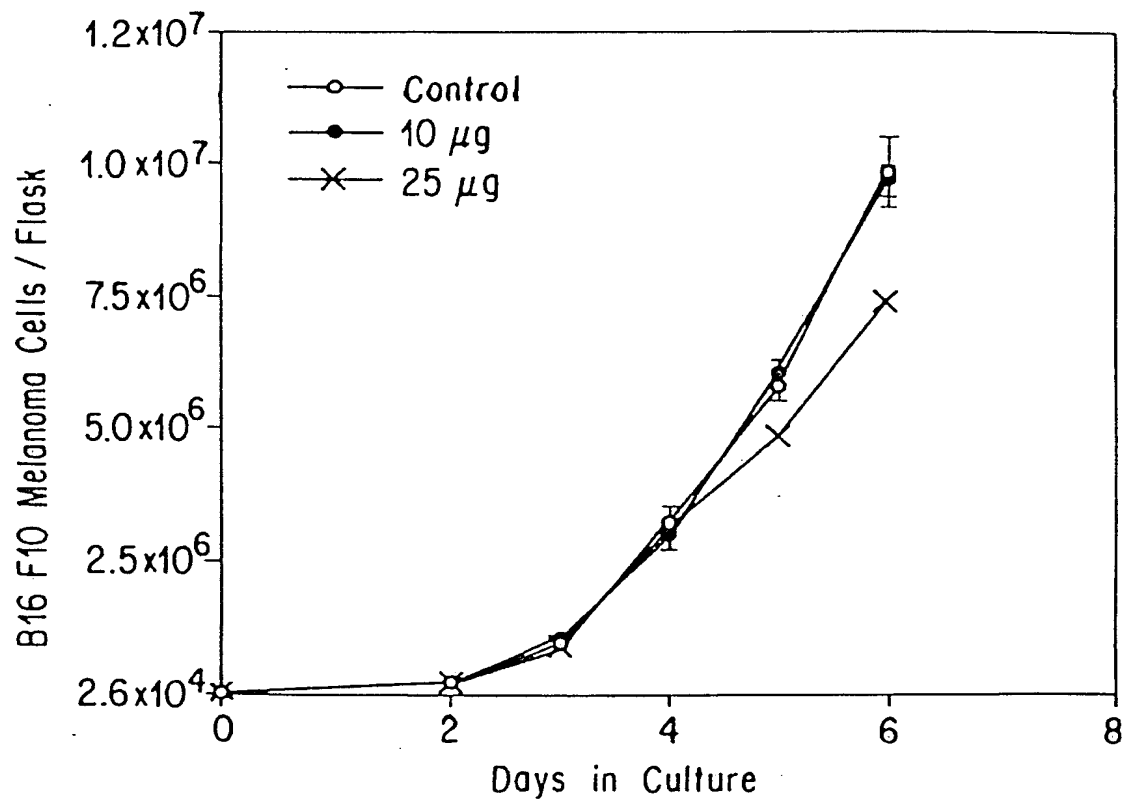


FIG. 11F

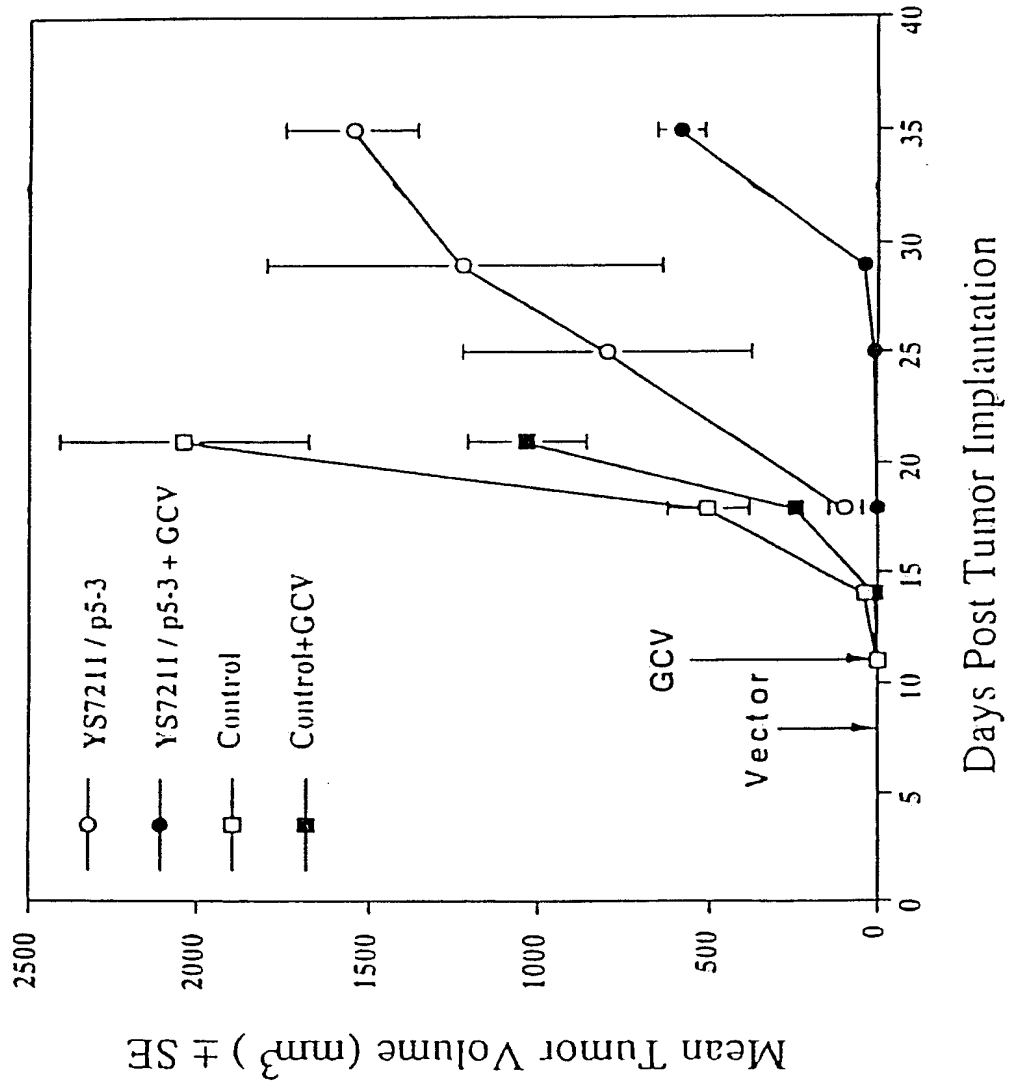


FIG.11G

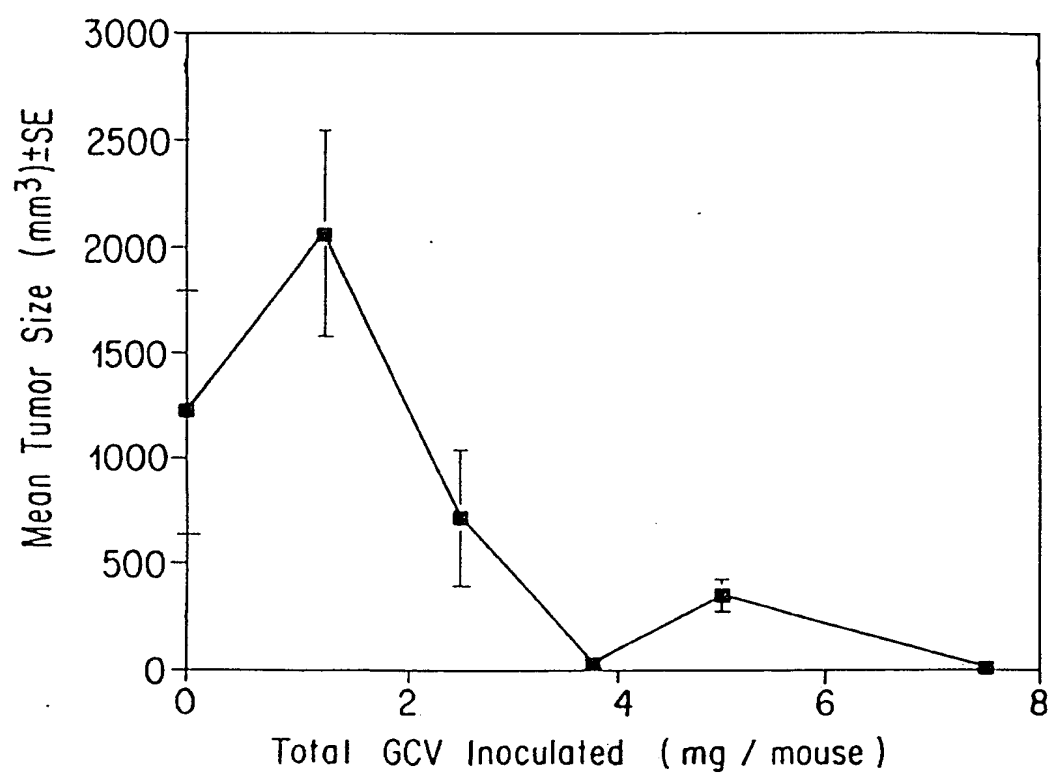


FIG. 11H



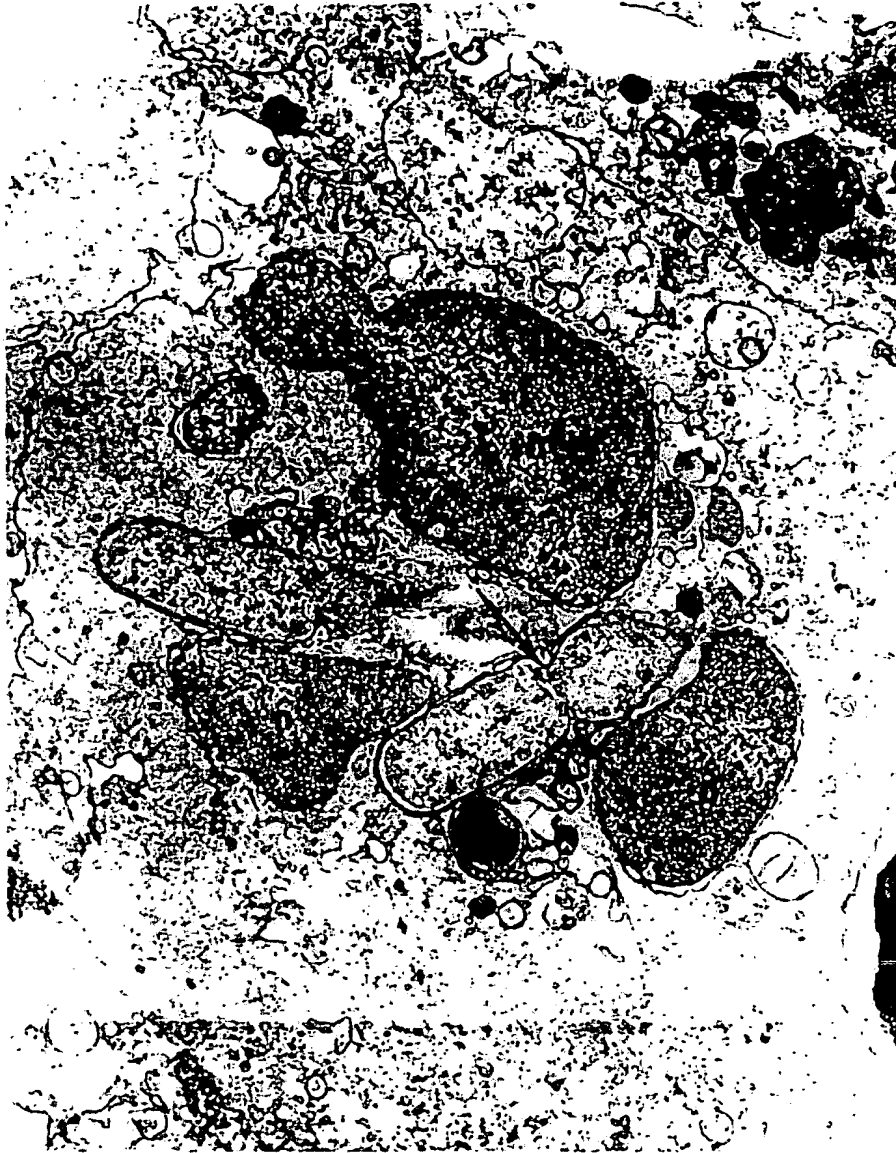


FIG.12A

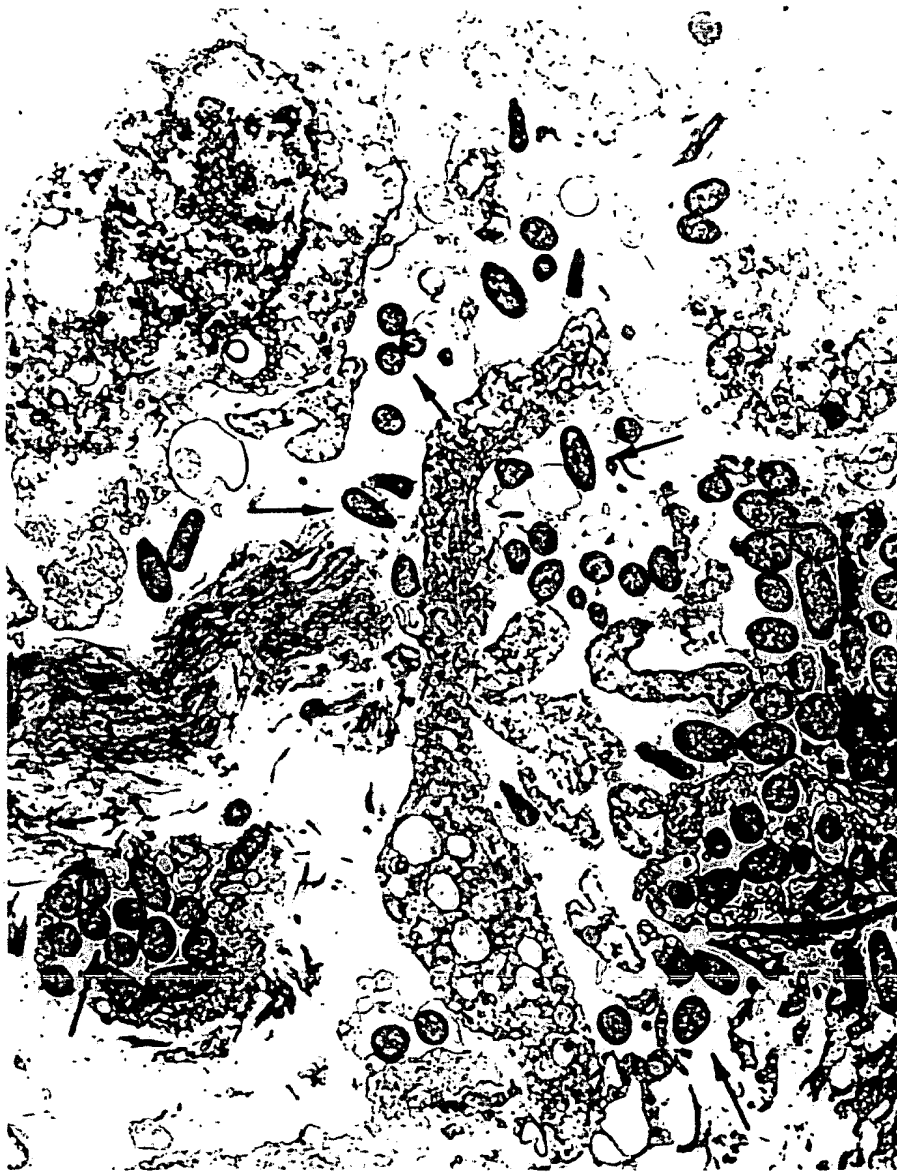


FIG.12B



FIG.13A

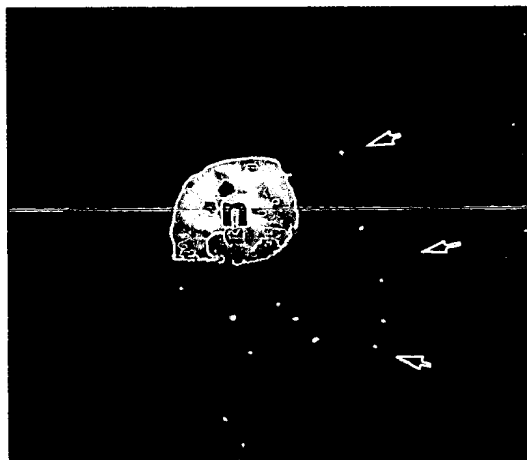


FIG.13B



FIG.14A

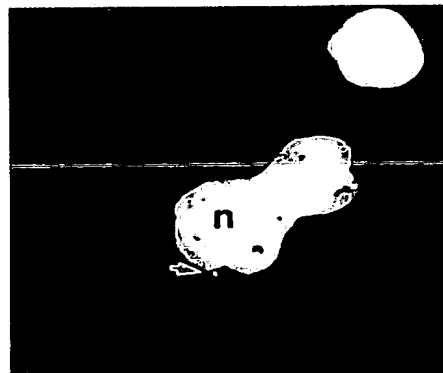


FIG.14B

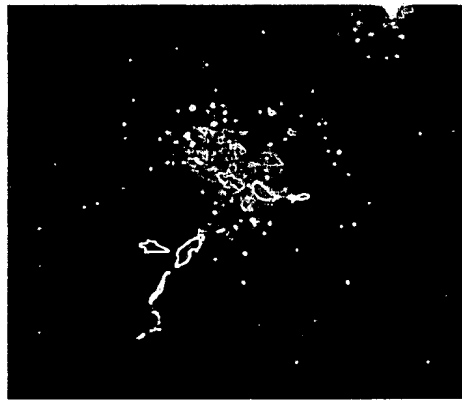


FIG.14C

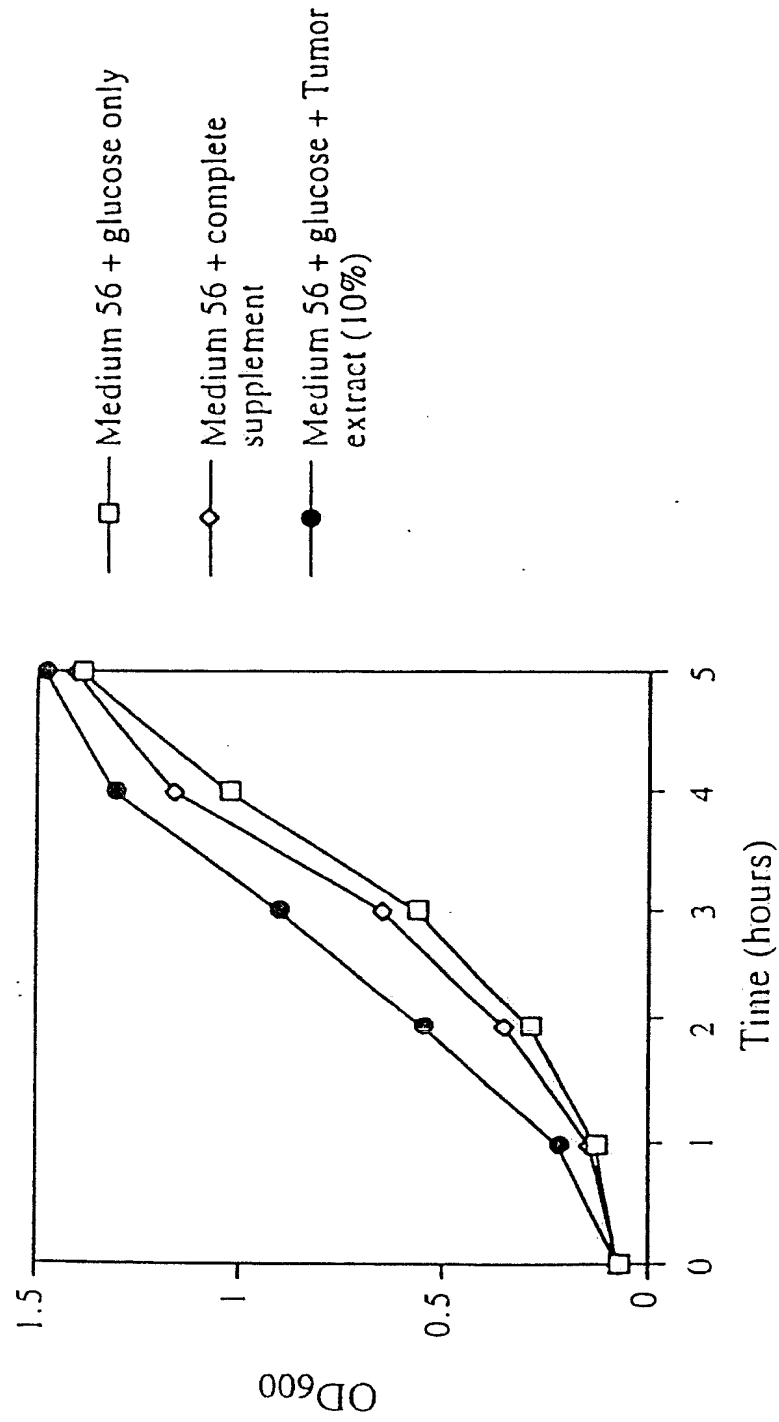


FIG. 15A

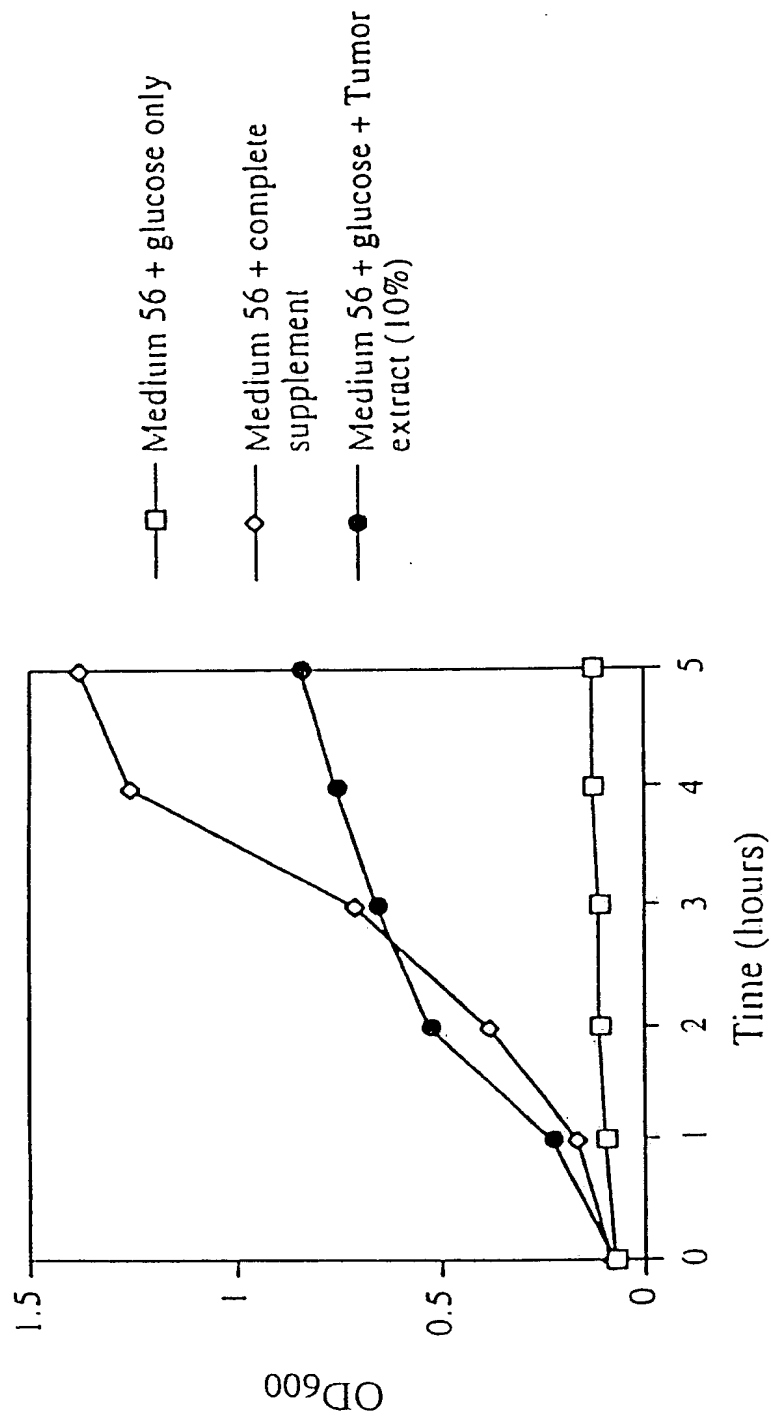


FIG.15B

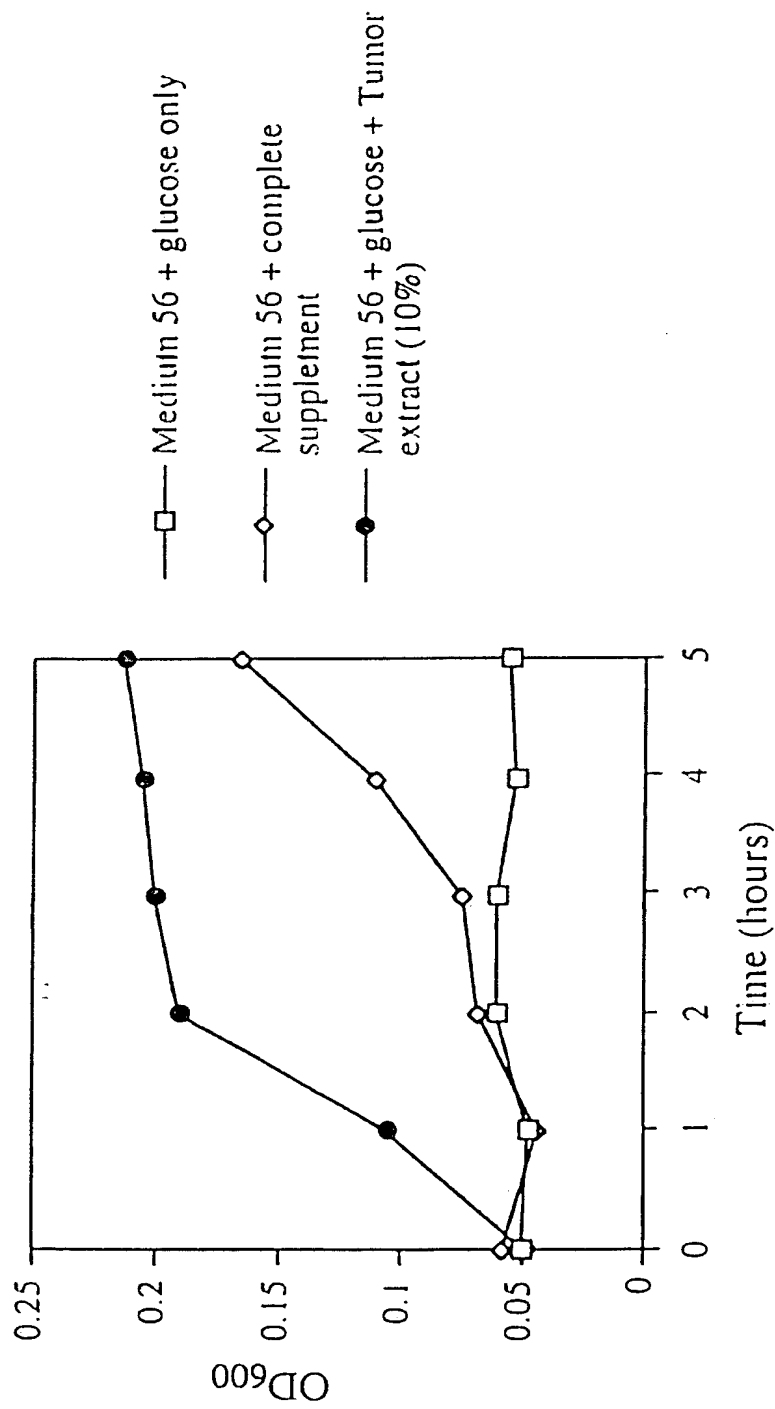


FIG. 15C



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# Growth of Clones 72 and YS7212 in Human M2 Melanoma Cultures

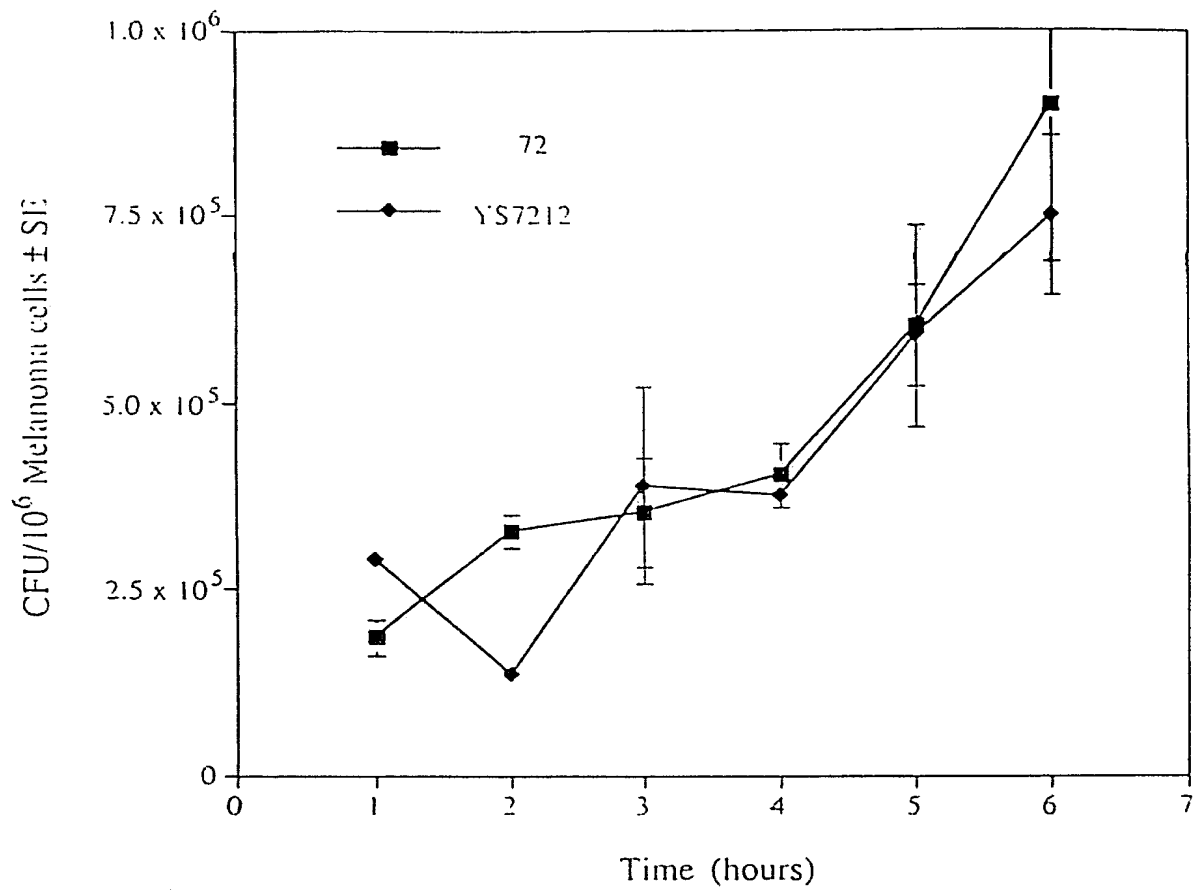


FIG. 15D

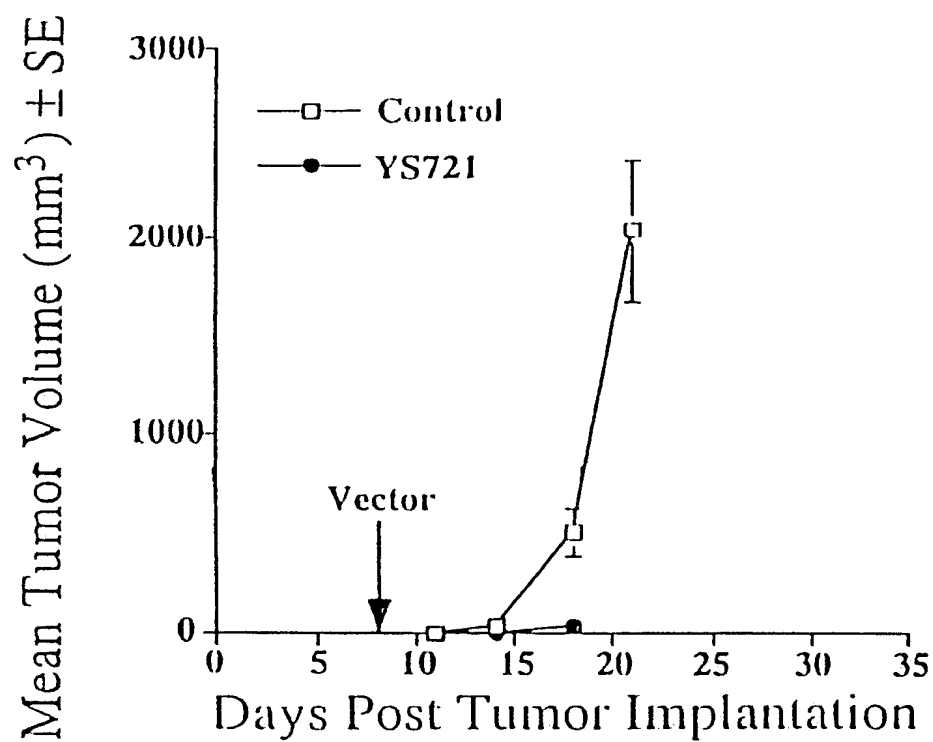


FIG.16A

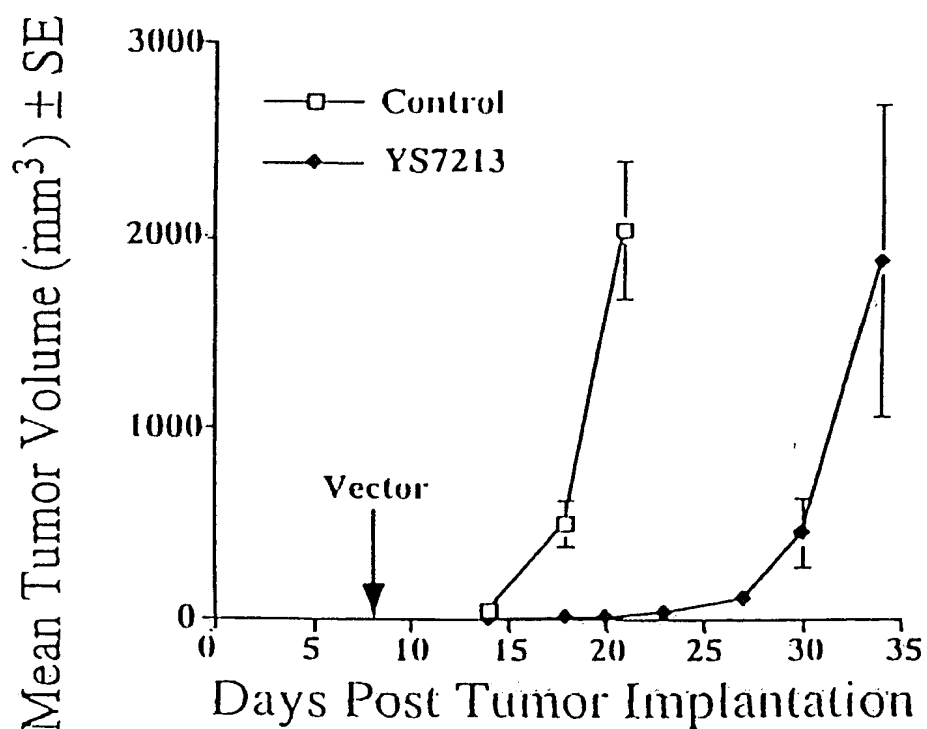


FIG.16B

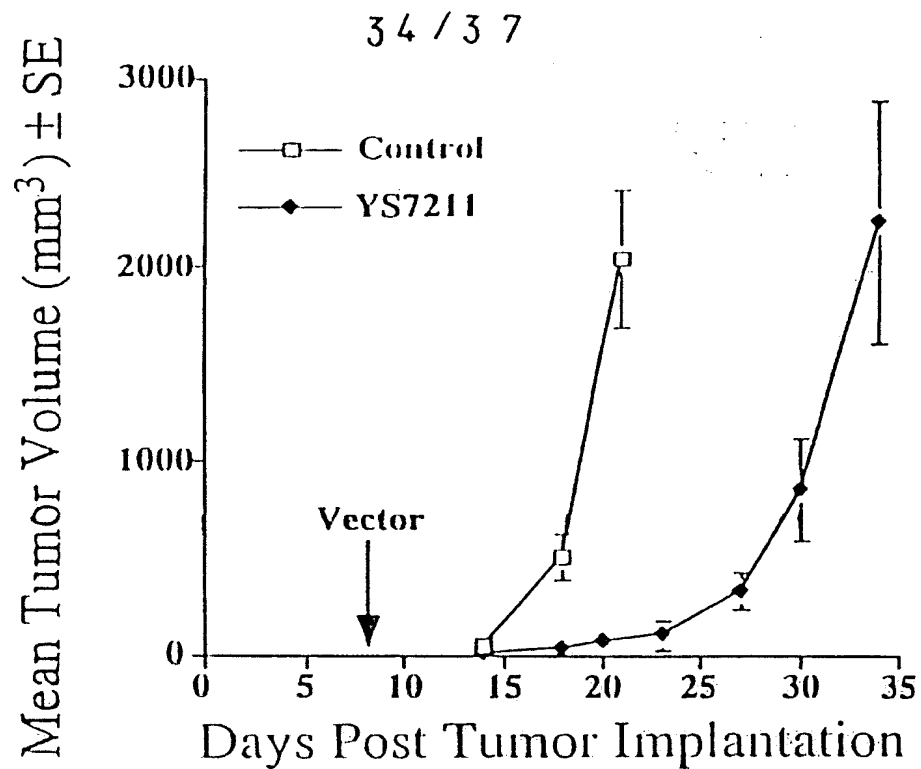


FIG. 16C

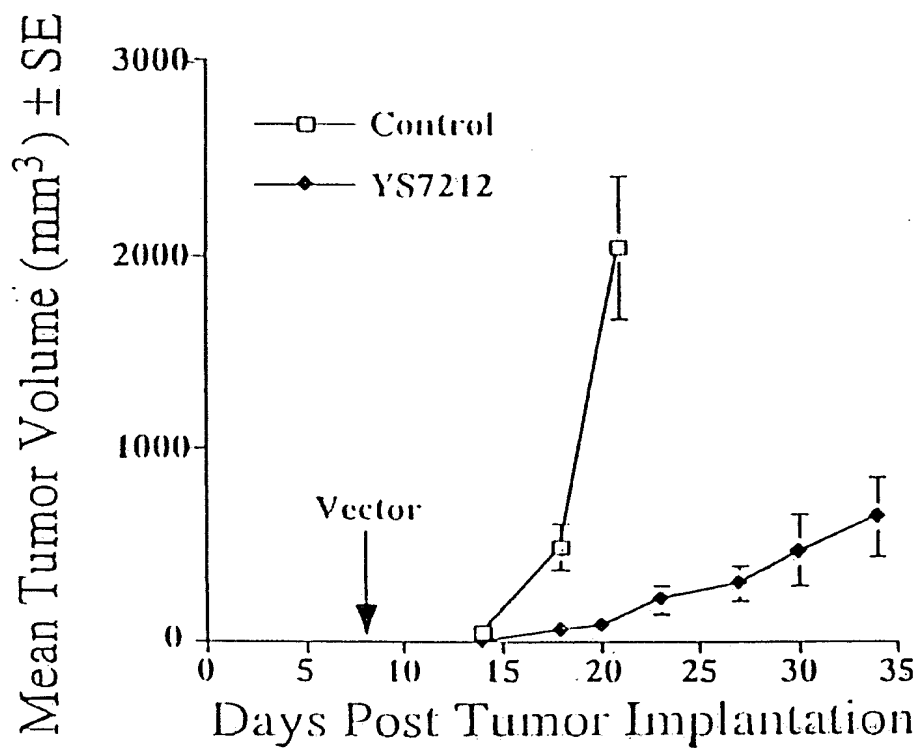


FIG. 16D

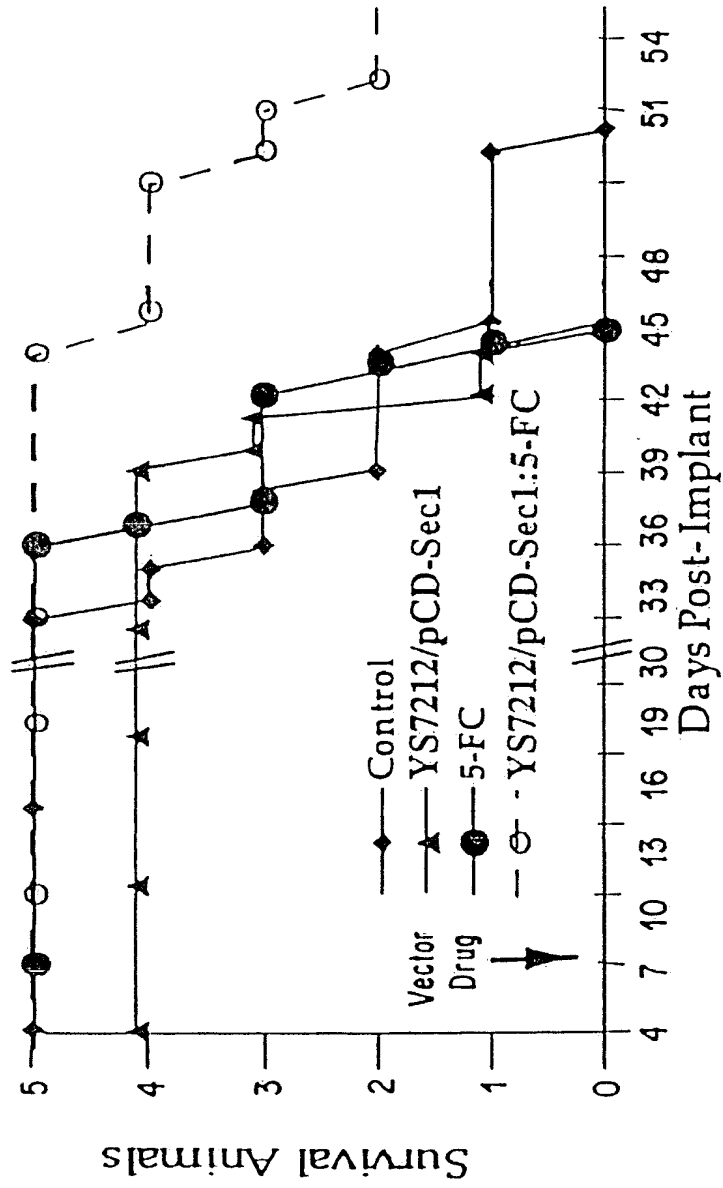


FIG.17

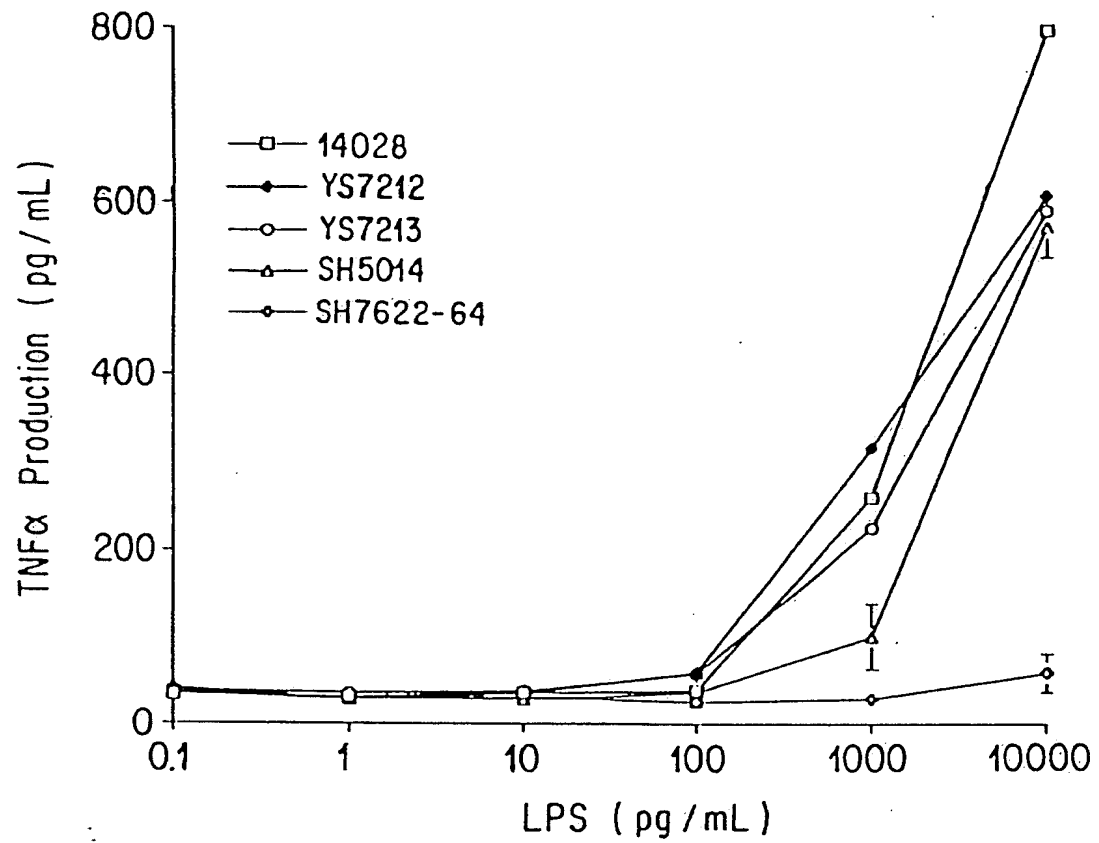


FIG. 18

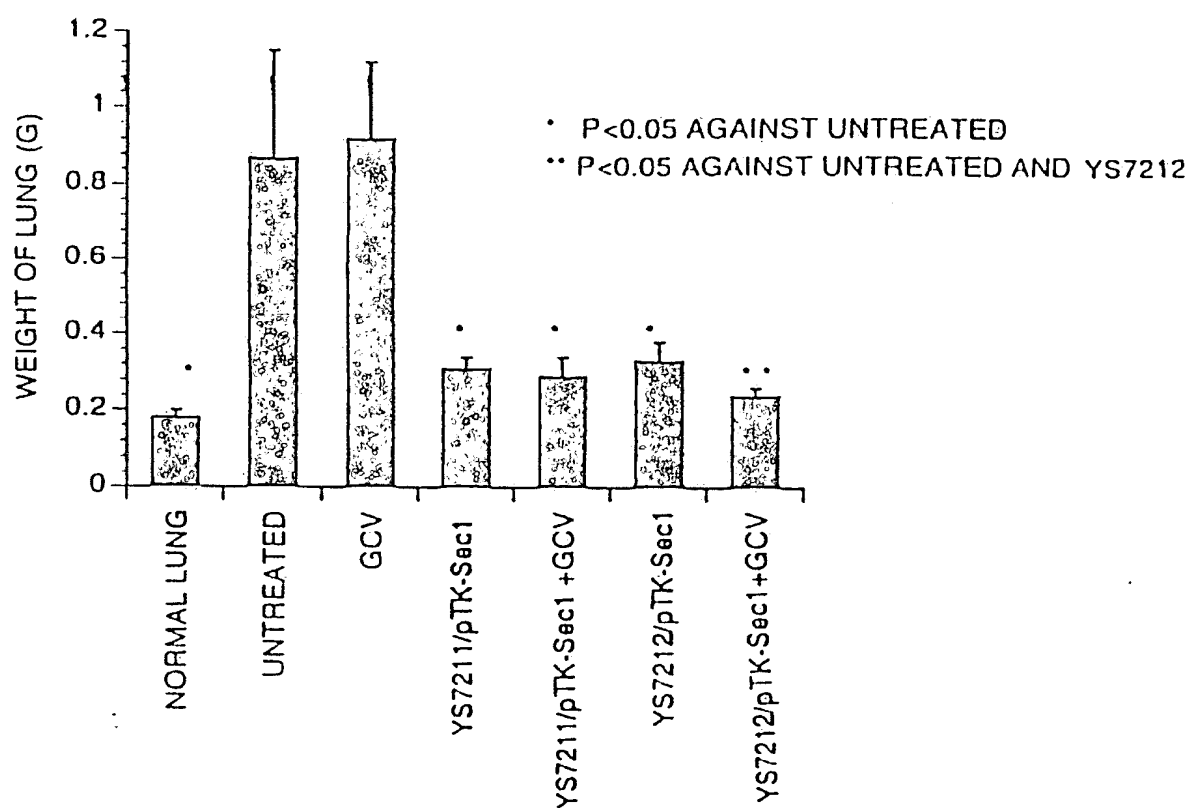


FIG. 19